

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.


- ☒ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
CITY OF MANTECA		SAN JOAQUIN	
Authorized Signature 		Title	
Type/Print Name of Person Signing		Date	Phone () Include Area Code
REXIE LeSTRANGE		8/10/2001	209-825-2358
Person Completing This Form (please print or type)		Title	
REXIE LeSTRANGE		RECYCLING COORDINATOR	
Affiliation:			
Mailing Address		City	State ZIP Code
1001 W. CENTER ST		MANTECA	CA 95337
E-Mail Address <u>rlstrange@ci.manteca.ca.us</u>			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:

1990

2. Proposed new generation-based study year:

2000-We propose to do a new generation based study each year

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

Many new diversion programs have been implemented in the past 3 years. Diversion percentages calculated with the disposal-based methodology show a 20% diversion. The City operates most of its programs itself so data collected is fairly accurate and relatively simple. A generation-based analysis seems to more accurately reflect Manteca's diversion efforts and shows a 51% diversion.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 20 %	Diversion rate calculated using new generation-based study	b. 51 %
For existing base year pounds/person/day based on generation		For new generation based study pounds/person/day based on generation	
Residential generation %	Non-Residential generation %	Residential generation %	Non-Residential generation %
Population existing generation-based study		Population new generation-based study	

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

In December 1998 Manteca converted to a "pay as you throw" rate for garbage. Most residents opted for smaller garbage cans and began using their recycling cans more. There was a dramatic increase in curbside recycling tonnages in 1999 and 2000. A City Ordinance was passed in March 2000 requiring businesses, construction sites and apartments to recycle. This increased commercial recycling thus increasing tons diverted. Apartment recycling was not started until July 2001. Businesses that generate large amounts of greenwaste were given dumpsters that are collected weekly, increasing tons diverted.

7. Disposal Tonnage (enter values):	35227	11469	46696
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☒ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: *The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt], white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Co des/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Garage Sales					
	697	0.7%	Sale of reusable items	0.35tons/garage sale/year based on 1991 garage sales held within the City limits in the year 2000	Data was collected from garage sale listings in the Manteca Bulletin Newspaper in 2000
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	697	0.7%			
Residential Recycling Activities					
Curbside Recycling					
	3621	3.8%	Paper, cardboard, plastic (#1&2), glass & aluminum		Certified weigh tags from our sorting facility located in Lodi-Central Valley Waste
Buyback Centers					
	5446	5.7%	Paper, cardboard, plastic (#1&2), glass & aluminum		Certified data reported to the lead jurisdiction, San Joaquin County
Drop-off Centers					

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmh.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	9067	9.5%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste	6186	6.5%	Grass clippings, shrubbery, branches, organics		Certified weigh tags from Grover Landscaping where all city collected greenwa is taken for composting
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	6186	6.5%			
Subtotal, Residential Diversion	15950	16.7%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Thrift Stores Located in the City	2798	2.9%	Sale of reusable items	7 stores @ 425.7 tons/store/year conversion	
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	2798	2.9%			

Diversion Activity	Actual Tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Recycling					
Non-Residential Waste Audits*	22686	23.7%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Business Recycling	1207	1.3%	Paper, cardboard, plastic (#1&2), glass & aluminum		Certified weigh tags from our sorting facility located in Lodi-Central Valley Waste
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	23893	25.0%			
Non-Residential Composting Activities					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Business Greenwaste Pick up	2062	2.2%	Grass clippings, shrubbery, branches, organics		Certified weigh tags from Grover Landscaping
Parks and Rec Grasscycling and Greenwaste Composting	2404	2.5%	Grass clippings, shrubbery, branches, organics	90% of the 307 acres they maintain are either grasscycled or greenwaste taken to Grover for composting @ 8.7 tons/acre/year	Certified weigh tags from Grover Landscaping where all city collected greenwaste is taken for composting
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	4466	4.7%			
Subtotal Non-Residential Diversion	31157	32.6%			
Residential/Non-Residential Diversion Activities					
ADC					
Sludge					
Scrap Metal	40	0.0%	Scrap metal picked up during Community Clean Up days- ie refrigerators, dryers, washers etc		Certified weigh tags from Sims Metal
Construction and Demolition	1718	1.8%	Concrete, wood, asphalt		Certified weigh tags from Modesto Sand and Gravel
Landfill Salvage					
Subtotal Residential/Non-Residential Diversion	1758	1.8%			
Total Res/Non-Res Source Reduction Tons	3495	3.7%			
Total Diversion Tons	48865	51.1%			
Total Disposal Tons from Sec.7	46696	48.9%			
Total Generation Tons (Div+Dis)	95561				
Diversion Rate					
	51%				

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.clwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation In Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other
Cal West Concrete		Metal, concrete, furniture		9390		9390.3	19.7%	o
Second Harvest		Wood, Food		2897		2897.14	6.1%	o
Pak & Save		Wood, Food, Plastic, Cardboard		2016	40	2056	4.3%	o
Save Mart-Main St		Wood, cardboard, food		720	176	896.04	1.9%	o
Frito-Lay		Cardboard, Metal, Wood, Plastic	150	699		849	1.8%	o
Food 4 Less		Cardboard, wood and food	0	676	154	830.32	1.7%	o
Raley's		Cardboard, wood, plastic & food		757	8	764.94	1.6%	o
Save Mart-Yosemite		Cardboard, wood, plastic & food		514	42	555.52	1.2%	o
Manteca Manufacturing		Aluminum, metal, wood, concrete		508		508.2	1.1%	p
Qualex		Wood, cardboard, metal & plastic		434		433.88	0.9%	o
Totals			150.02	18612.34	418.98	19181.34	40.3%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

Each business was visited in person by the recycling coordinator. So, as not to double count, only commodities taken out of the city were calculated. Each business was able to provide logs and receipts showing quantities and destinations of commodities. Cardboard is compacted and baled with each bale weighing approximately 1200lbs. (based upon weight tags). Wood, metal and concrete weights were calculated using the conversion tables provided by the Waste Board. Scrap metal @ 906lbs/cubic yard. Scrap wood @ 329lbs./cubic yard. Scrap concrete @ 1855lbs/cubic yard. Food waste was also calculated using the conversion tables..Food @ 183lbs./cubic yard and Produce waste @ 1443lbs/cubic yard. Furniture weights were also based upon the conversion tables. There was a total of 30 waste audits done, 25 were on-site visits and 5 were done by phone. No extrapolation was done. 70 Businesses were contacted, via mail and phone to set up waste audits and only 30 replied, so 30 were done.

Materials Recycled, Reused or Diverted in tons

BUSINESS WASTE AUDITS FOR THE YEAR 2000															
Materials Recycled, Reused or Diverted in tons															
NAME	Paper	Wood	Cardboard	Organics	Metal	Aluminum	Plastic	Greenwaste	Toner Cart	Electronics	Durables	Inerts	Source Red	Total	
Home Depot	0	384	0.04	0	0	0	0	0	0.08	0	0.16	0	1.21	385.47	
Mountain Valley Express	0	38	0.97	0	18.75	0	0.09	8.7	0	0	0	0	0.22	66.73	
Cal West	0	0	0	0	90.6	0	0	0	0	0.08	0.22	7800	0	7890.9	
St. Dominics Hospital	7.8	2.4	0	0	0	0	0	0	0	0	0.17	0	0.04	10.41	
Orchard Supply Hardware	0.47	93.6	62.4	0	11.4	0	8.7	8.7	0	0	0	0	0	185.27	
Food 4 Less	0	52	624	145.6	0	0	0	8.7	0	0	0	0	0.02	830.32	
Lucent Technologies	0	37.16	0	0	114.11	0	0	0	0	0	0	0	0	151.27	
Manteca Bulletin	2.1	19.2	0	0	0	90	0.56	0	0.02	0.15	2	0	97.86	211.89	
Carl Karcher Enterprises	0	230	240	0	32.4	2.1	0	8.7	0	0	0	0	0	513.2	
Frito Lay	0	420	216	0	52	0	0	8.7	0.07	2	0	0	150	848.77	
Mother's Cookies	0	46.8	23.4	0	0	0	0	0	0	0	0	0	5.4	75.6	
Uniphase	0.04	4.16	0	0	0	0	0.36	0	0	1	8.31	0	2.41	16.28	
Qualex	0	104	62.4	0	22.72	0	179.76	0	0	0	0	0	65	433.88	
Raley's	5.2	120.8	624	7.8	0	0	0	7.14	0	0	0	0	0	764.94	
ConCo West	0	44.28	0	0	147.72	0	0	0	0.02	0	0	74.2	0	266.22	
Doctors Hospital	0	20.8	0	0	0	0	0	0	0	0	0	0	0	20.8	
Beutler Heating & AC	0	33.6	0	0	6	1.2	0	0	0	0	0	0	0	40.8	
Long's Drugs	0	14.56	124.8	0	0	0	0	0	0	0	0	0	0	139.36	
Pak & Save	0	876	1122.37	39.73	0	0	18.25	0	0	0	0	0	0	2056.35	
Tap Plastics Warehouse	0	32.2	0	0	0	0	0	0	0	0	0	0	0	32.2	
Eavenson Construction	0	57.6	0	0	0	0	0	0	0	0	0	222.6	0	280.2	
Hytrol	0	12.69	0	0	222.6	0	0	8.7	0	0	0	0	0	243.99	
Wal Mart	0	52	1314	0	0	0	0	0	0	1	0	0	0	1367	
Save Mart-Main St	0	62.4	657	175.55	0	0	1.09	0	0	0	0	0	0	896.04	
Mervyns	0	52	156	0	0	0	10.4	0	0	0	19.5	0	117.09	354.99	
Manteca Manufacturing	0	54.6	0	0	216	21	0	0	0	0.6	216	0	0	508.2	
Second Harvest Food Bank	0	180	0	2714.64	0	0	0	0	0	0	0	0	2.5	2897.14	
K-Mart	0	150	26	0	0	0	0	0	0	0	0	0	0	178	
Save Mart-Yosemite	1.92	116	280	41.6	0	0	116	0	0	0	0	0	0	555.52	
Big Boy Market	0	175	20.8	0	0	0	0	50	0	0	0	0	0	245.8	
Rite Aide	0	205	15.6	0	0	0	0	0	0	0	0	0	0	220.6	
TOTAL TONS															22,686.14